

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055834.D
 Acq On : 25 May 2019 7:59
 Operator : JC/SP
 Sample : K3026-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-D

Quant Time: May 26 22:51:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	392376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	563290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	186654	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
35) Dibromofluoromethane	7.59	113	166218	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	10.09	98	662560	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.40	95	223979	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

					Qvalue	
13) Acrolein	3.59	56	134	0.242	ug/l	94
16) Acetone	3.82	43	30289	17.004	ug/l	98
18) Methyl Acetate	4.33	43	3988	Below Cal	#	80
20) Methylene Chloride	4.55	84	73711	19.108	ug/l	96
25) 2-Butanone	6.85	43	7704	3.097	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	2119	0.507	ug/l	60
29) Tetrahydrofuran	7.23	42	1193	0.757	ug/l #	66
31) Cyclohexane	7.66	56	5771	0.949	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22335	4.550	ug/l #	47
37) Ethyl Acetate	6.85	43	7704	1.624	ug/l #	67
38) Carbon Tetrachloride	7.66	117	32046	6.267	ug/l #	15
41) Methacrylonitrile	7.23	41	594	0.248	ug/l #	26
43) Isopropyl Acetate	8.17	43	12231	1.534	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1232	0.320	ug/l #	44
48) Methyl methacrylate	9.18	41	6712	1.827	ug/l #	12
51) 4-Methyl-2-Pentanone	9.98	43	4166	0.885	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	46356	7.563	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	8733	1.441	ug/l #	42
59) 2-Hexanone	10.76	43	120092	35.957	ug/l #	49
71) Bromoform	12.40	173	1710	0.486	ug/l #	1
73) Isopropylbenzene	12.25	105	858	Below Cal	#	48
74) N-amyl acetate	12.15	43	584	Below Cal	#	44
76) 1,2,3-Trichloropropane	12.40	75	101667	28.683	ug/l #	100
77) Bromobenzene	12.53	156	1320	0.315	ug/l #	1
79) 2-Chlorotoluene	12.68	91	364	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3127	Below Cal		92
81) trans-1,4-Dichloro-2-buten	12.40	75	101667	69.562	ug/l #	15
83) tert-Butylbenzene	12.99	119	153	Below Cal	#	62
84) 1,2,4-Trimethylbenzene	13.04	105	3574	Below Cal		100
85) sec-Butylbenzene	13.17	105	963	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	527	3.765	ug/l #	40
94) Hexachlorobutadiene	15.01	225	126	Below Cal	#	19
95) Naphthalene	15.13	128	5897	0.648	ug/l #	92

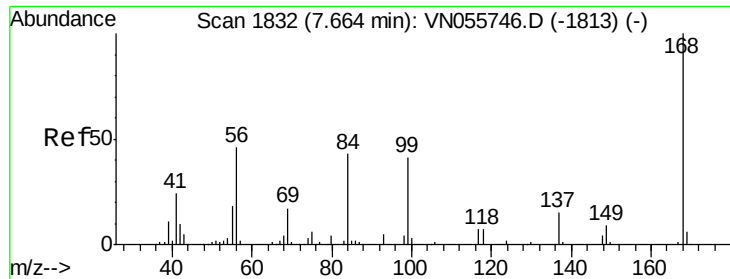
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
Data File : VN055834.D
Acq On : 25 May 2019 7:59
Operator : JC/SP
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Misc : 5.00mL/MSVOA N/WATER
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Quant Time: May 26 22:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampled :

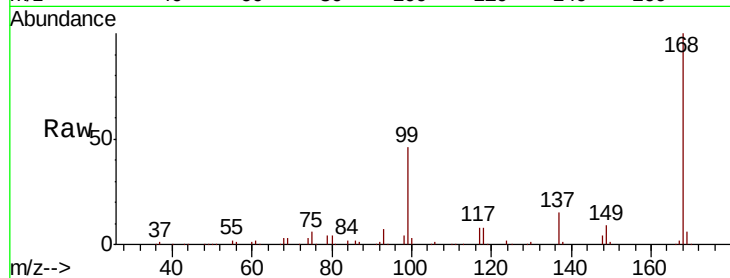
TP-5-D

Tot Ion:168 Resp: 392376

Ion Ratio Lower Upper

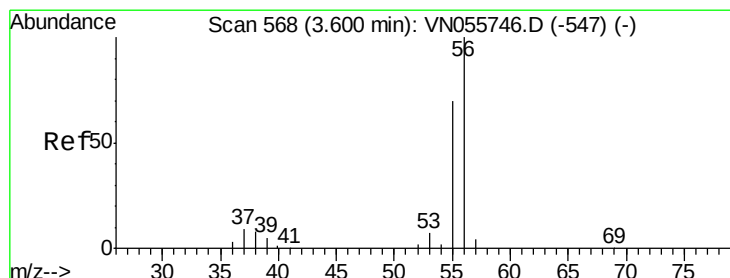
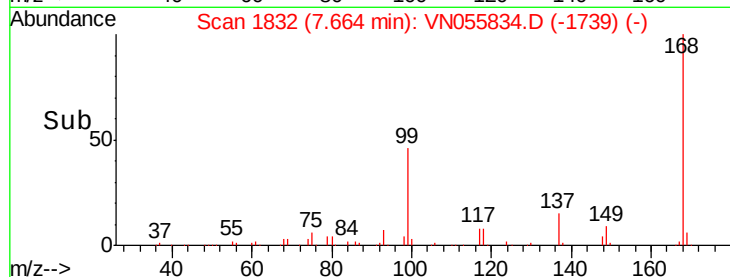
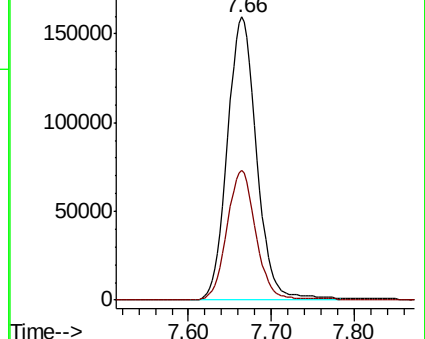
168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#13

Acrolein

Concen: 0.242 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN055834.D

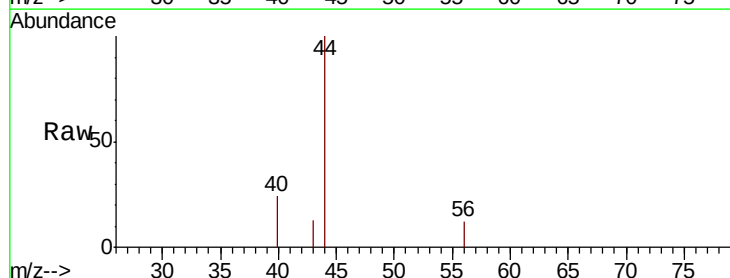
Acq: 25 May 2019 7:59

Tgt Ion: 56 Resp: 134

Ion Ratio Lower Upper

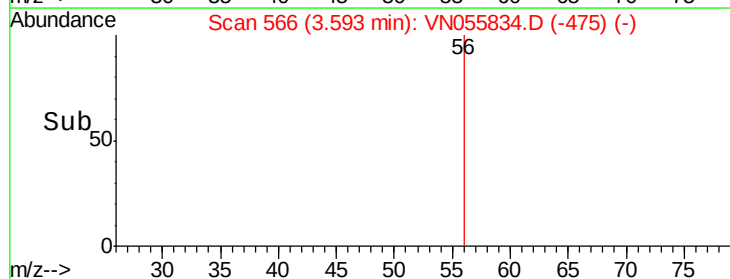
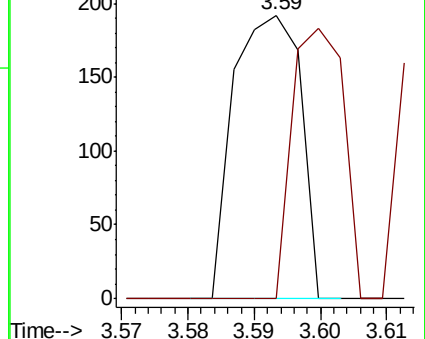
56 100

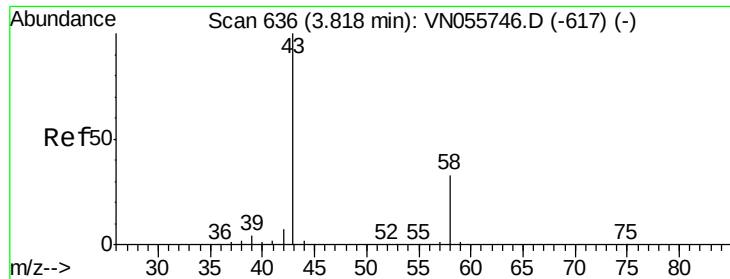
55 73.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN





#16

Acetone

Concen: 17.004 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampleId :

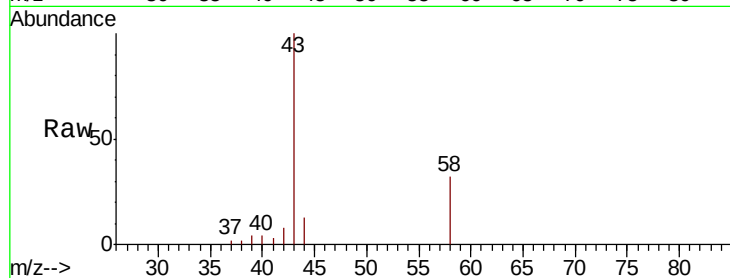
TP-5-D

Tot Ion: 43 Resp: 30289

Ion Ratio Lower Upper

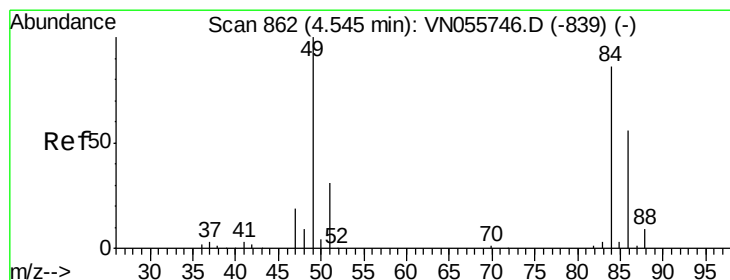
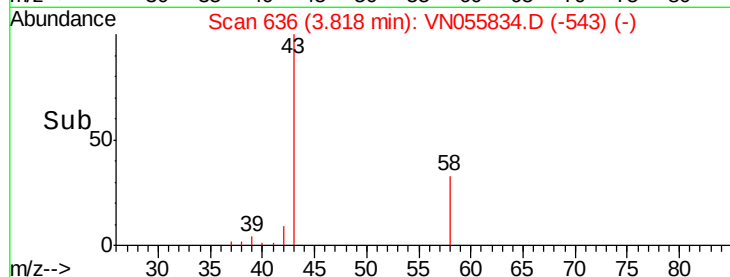
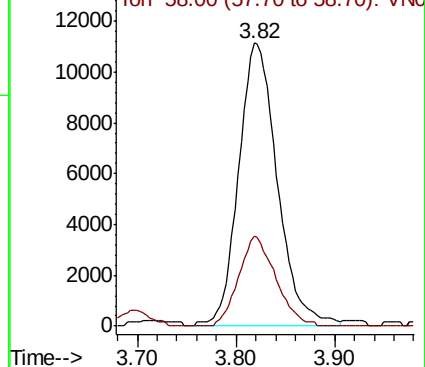
43 100

58 32.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 19.108 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Tgt Ion: 84 Resp: 73711

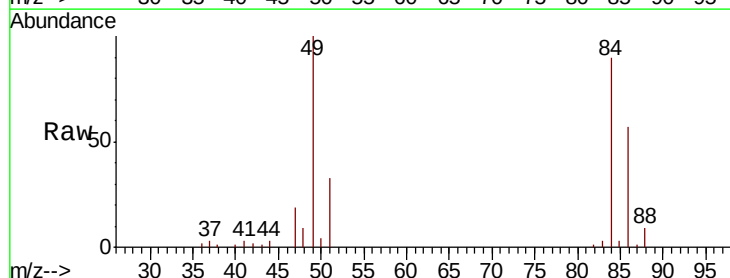
Ion Ratio Lower Upper

84 100

49 111.3 93.5 140.3

51 36.7 28.6 43.0

86 63.3 52.6 79.0

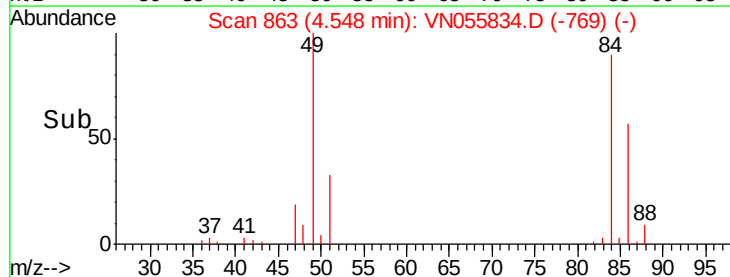
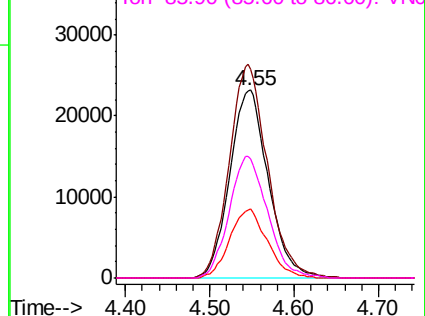


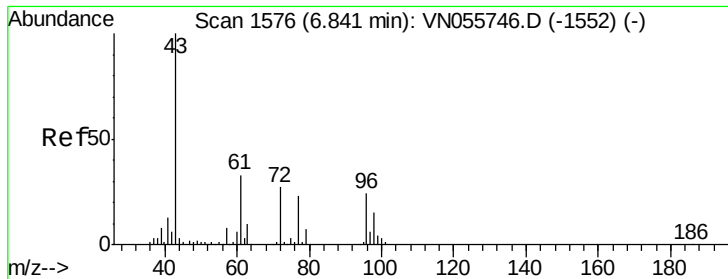
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 3.097 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampled :

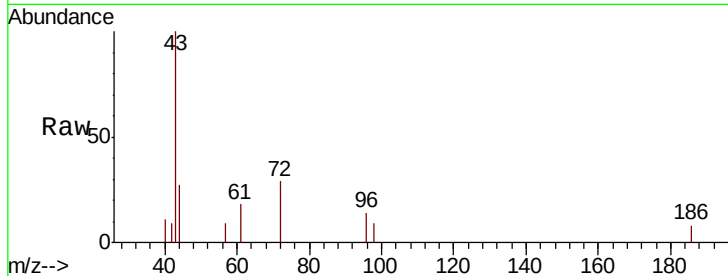
TP-5-D

Tot Ion: 43 Resp: 7704

Ion Ratio Lower Upper

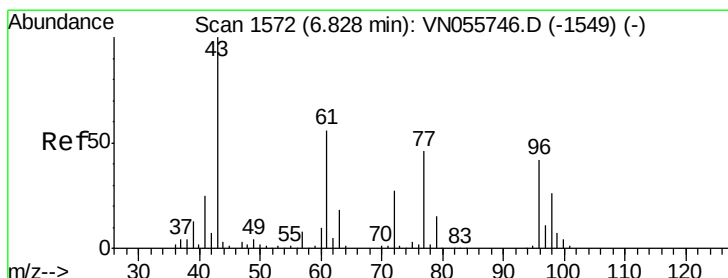
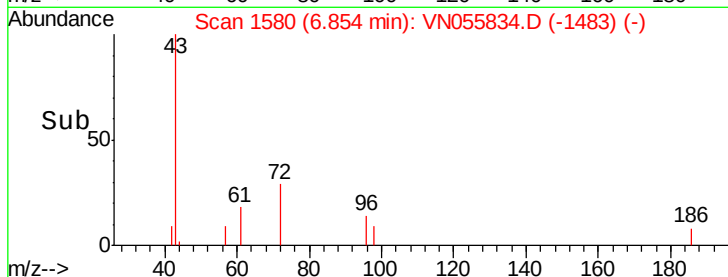
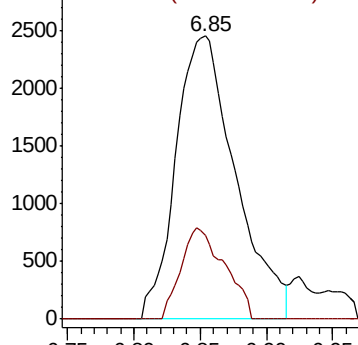
43 100

72 29.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.507 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

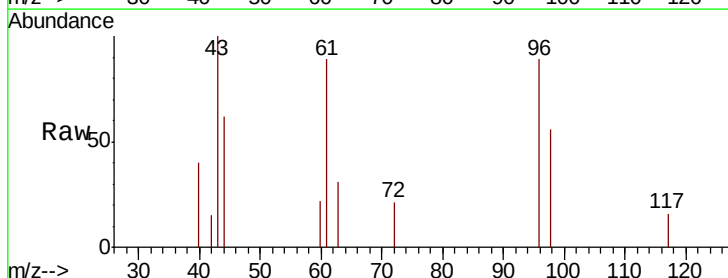
Tgt Ion: 96 Resp: 2119

Ion Ratio Lower Upper

96 100

61 72.2 0.0 275.8

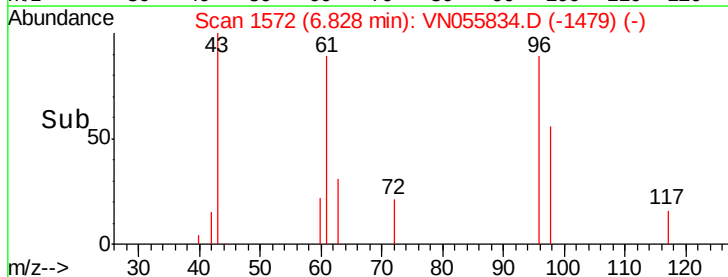
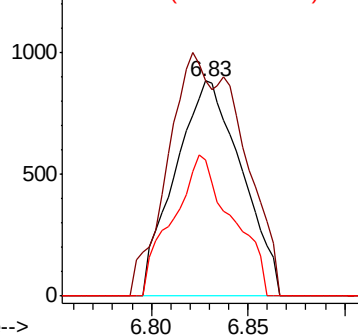
98 58.2 0.0 128.4

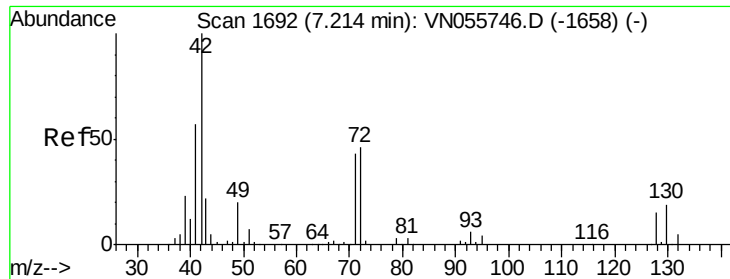


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#29

Tetrahydrofuran

Concen: 0.757 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampleId :

TP-5-D

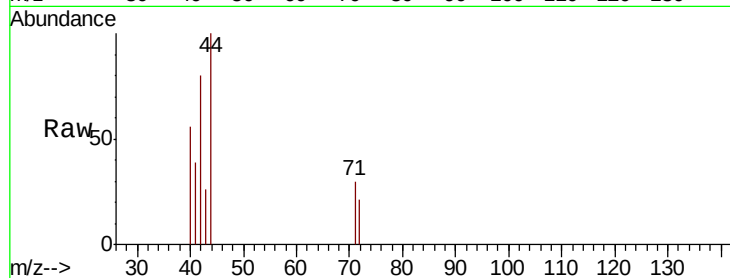
Tot Ion: 42 Resp: 1193

Ion Ratio Lower Upper

42 100

72 17.9 35.9 53.9#

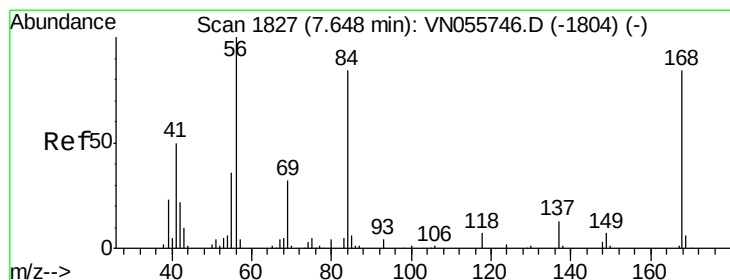
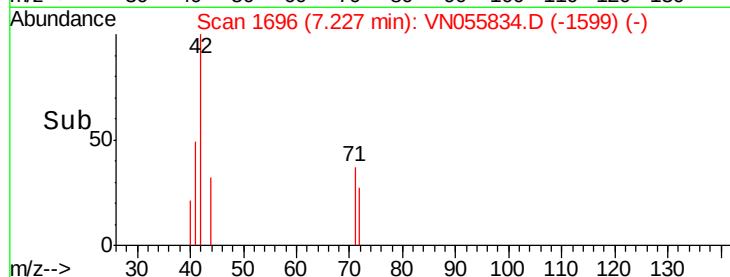
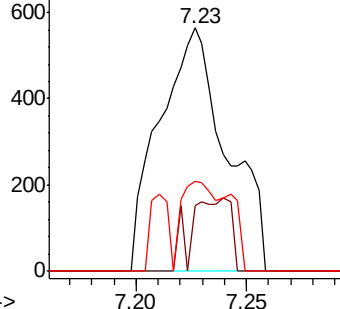
71 26.5 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.949 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

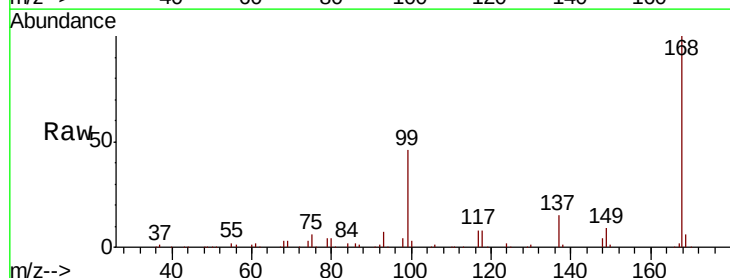
Tgt Ion: 56 Resp: 5771

Ion Ratio Lower Upper

56 100

69 177.4 25.6 38.4#

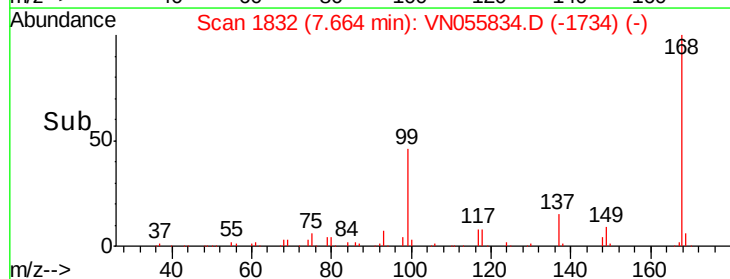
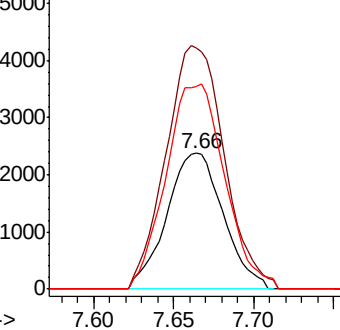
84 149.3 67.4 101.0#

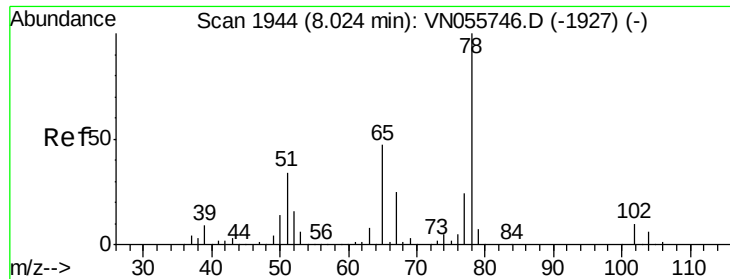


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

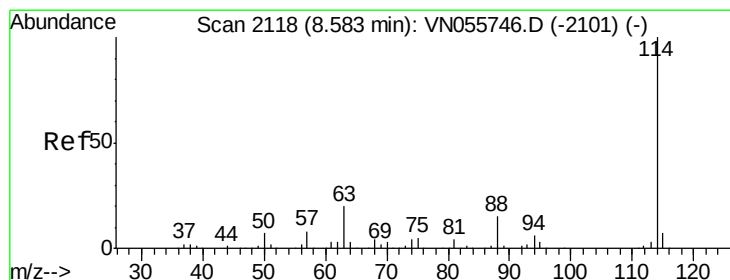
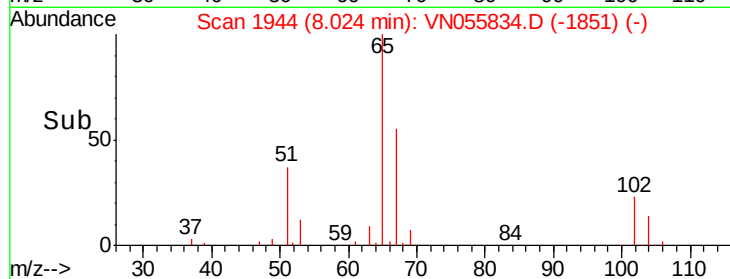
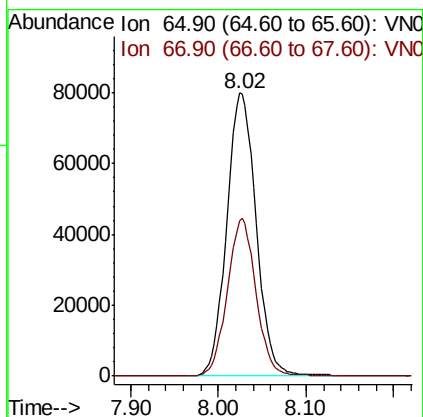
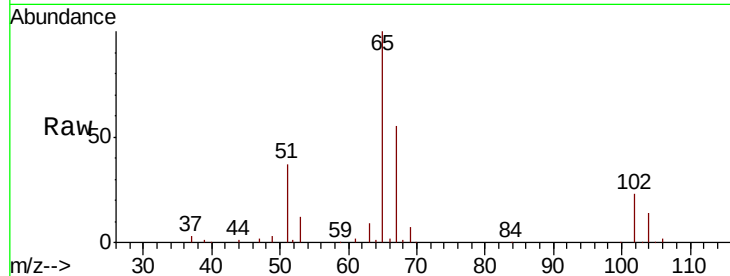




#33
 1,2-Dichloroethane-d4
 Concen: 46.063 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

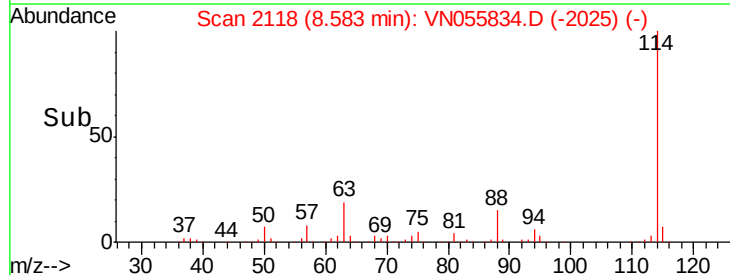
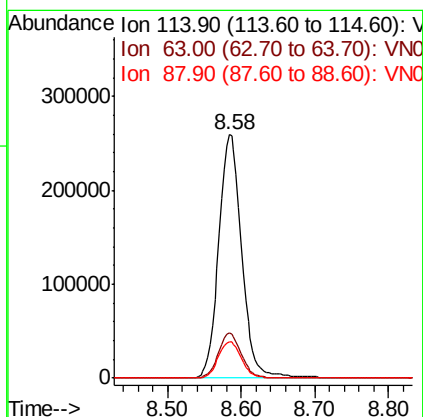
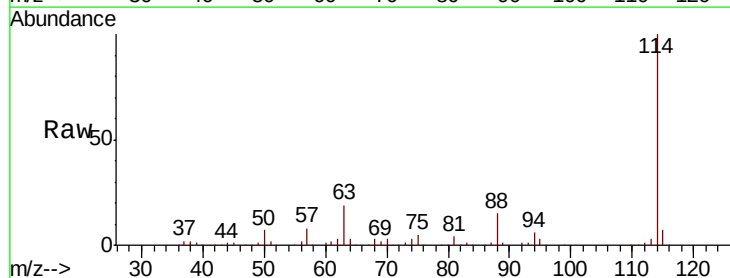
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-D

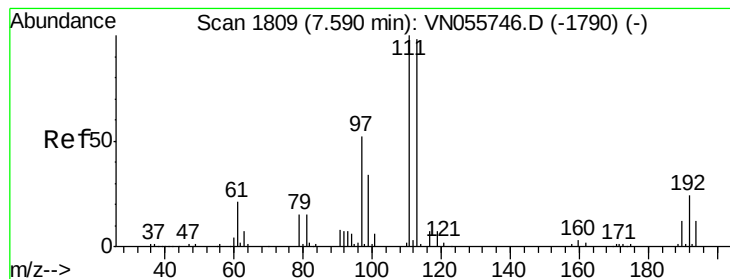
Tot Ion: 65 Resp: 186654
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

Tgt Ion: 114 Resp: 563290
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.673 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampleId :

TP-5-D

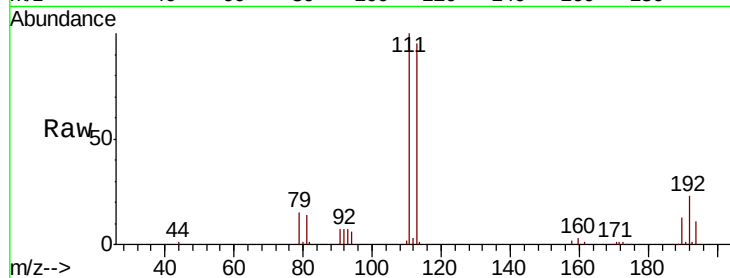
Tot Ion:113 Resp: 166218

Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

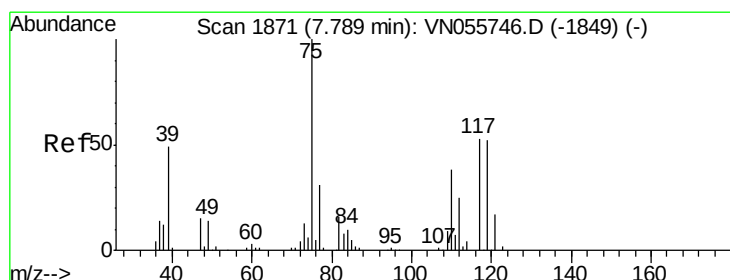
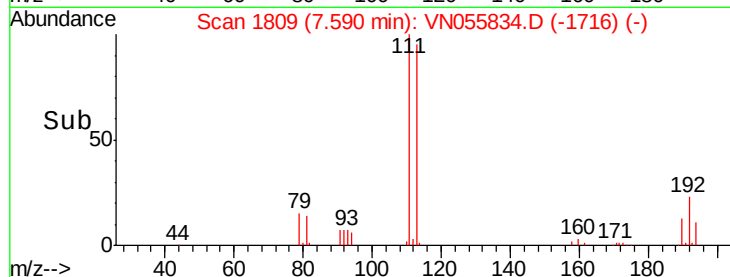
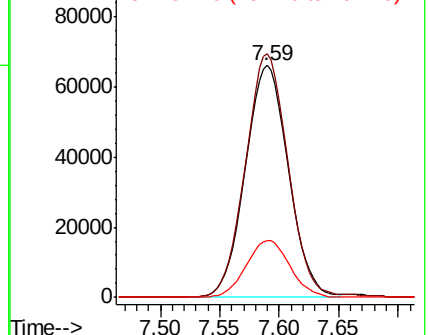
192 24.8 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.550 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

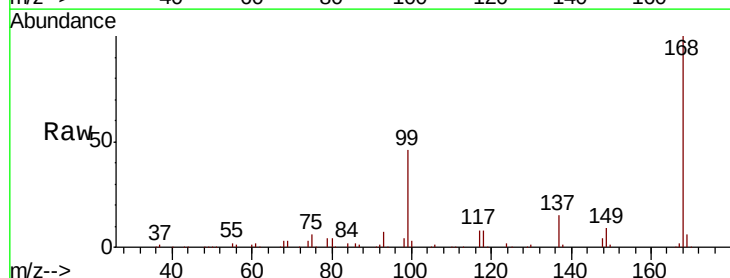
Tgt Ion: 75 Resp: 22335

Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

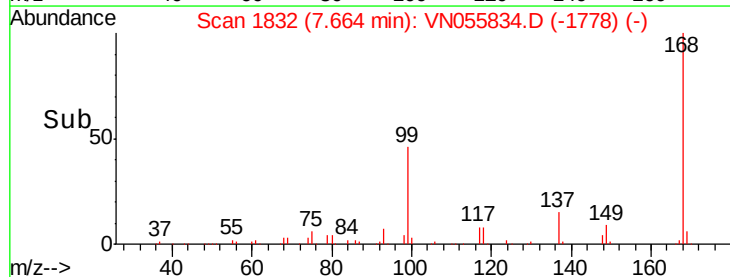
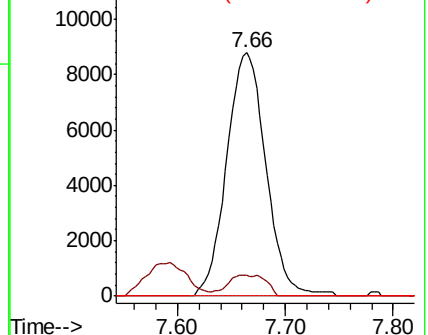
77 0.0 25.1 37.7#

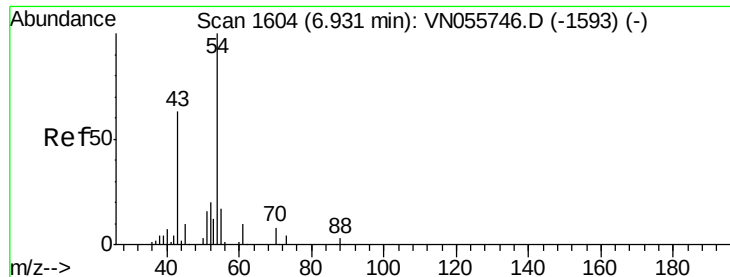


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

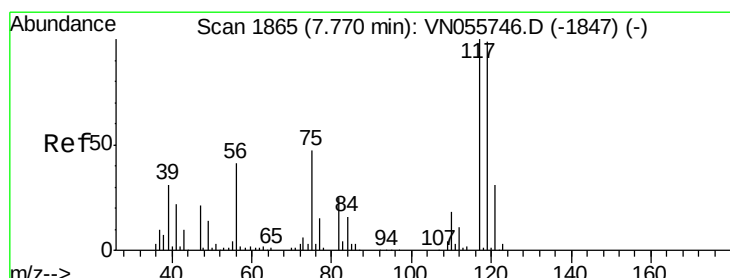
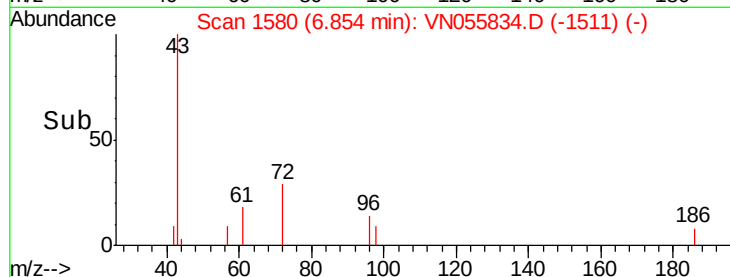
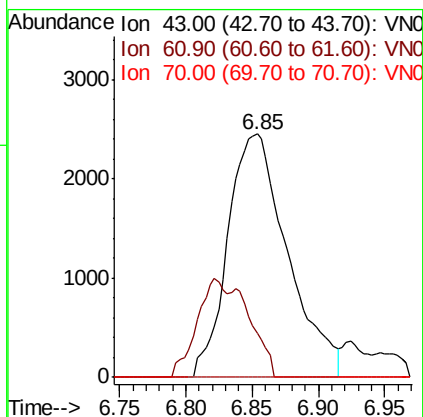
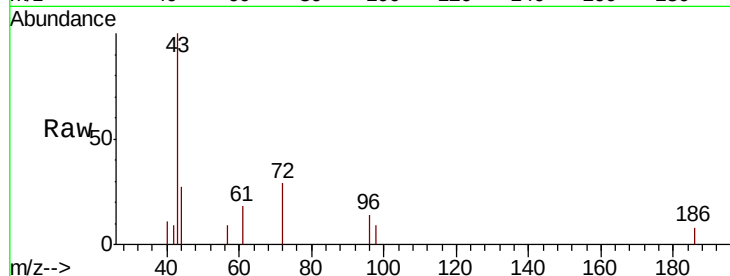




#37
Ethyl Acetate
Concen: 1.624 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. -0.08 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

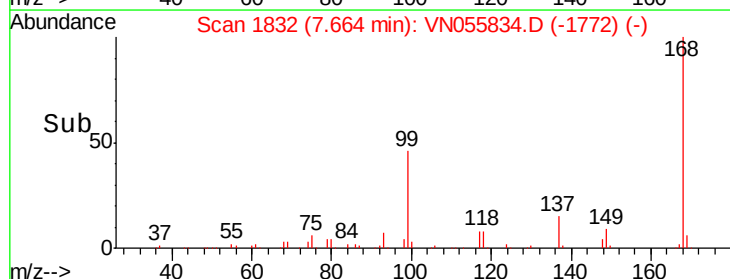
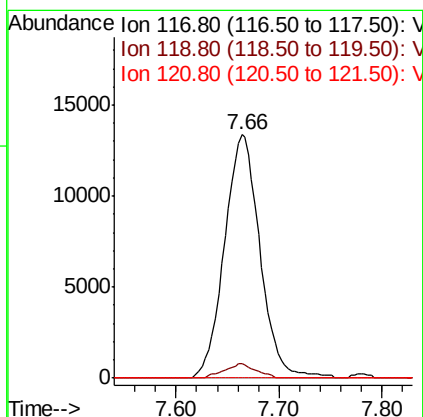
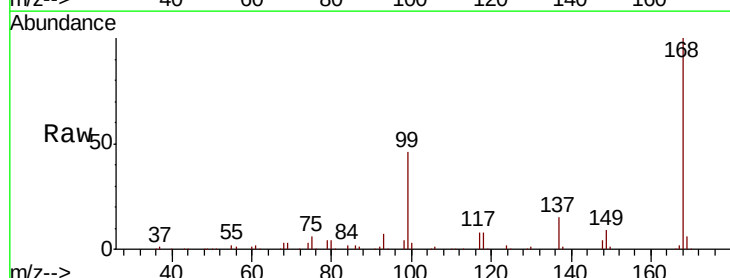
Instrument :
MSVOA_N
ClientSampleId :
TP-5-D

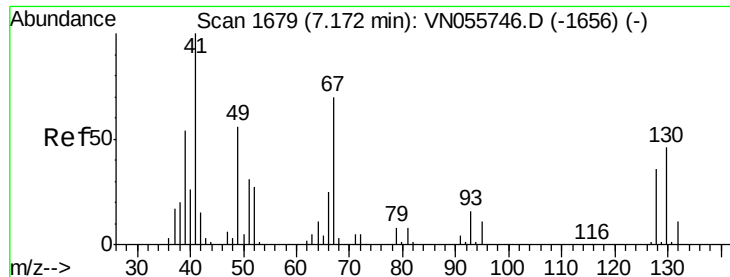
Tot Ion: 43 Resp: 7704
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.2#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

Tgt Ion: 117 Resp: 32046
Ion Ratio Lower Upper
117 100
119 5.9 79.0 118.6#
121 0.0 24.7 37.1#

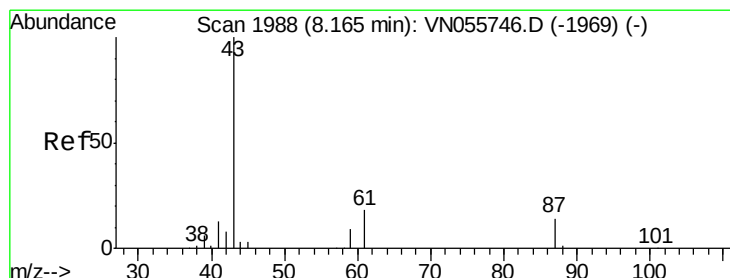
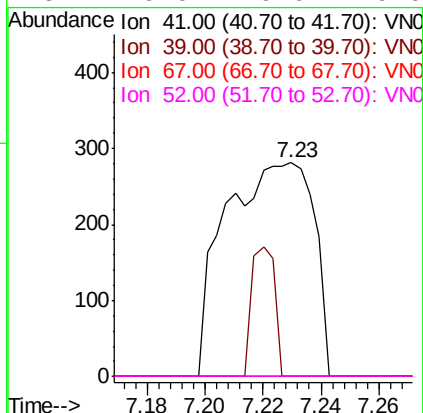
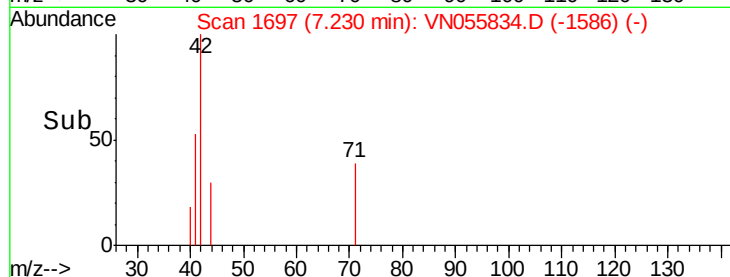
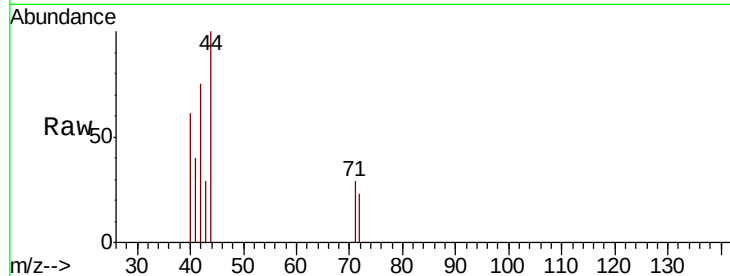




#41
Methacrylonitrile
Concen: 0.248 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.06 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

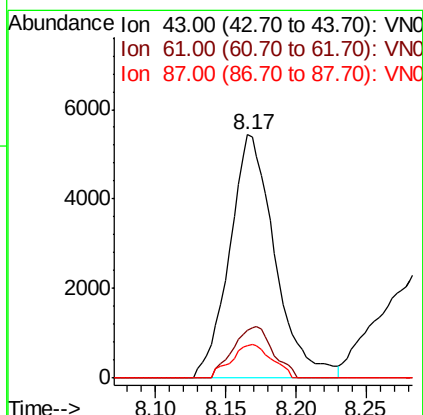
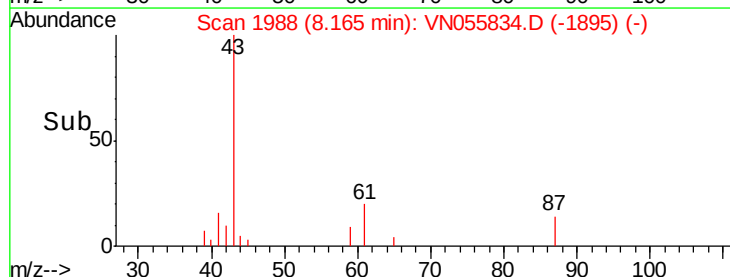
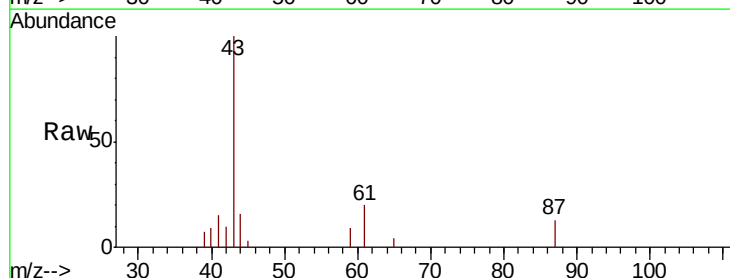
Instrument :
MSVOA_N
ClientSampled :
TP-5-D

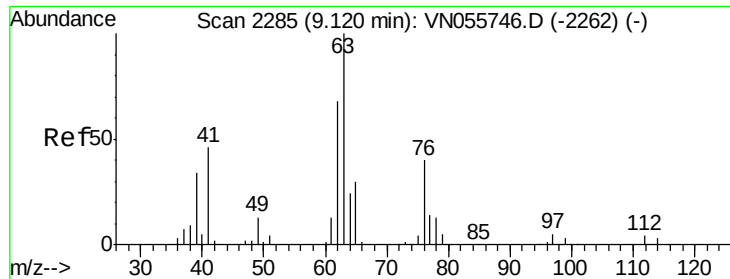
Tot Ion: 41 Resp: 594
Ion Ratio Lower Upper
41 100
39 15.7 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.534 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

Tgt Ion: 43 Resp: 12231
Ion Ratio Lower Upper
43 100
61 18.6 22.2 33.4#
87 12.3 11.4 17.2

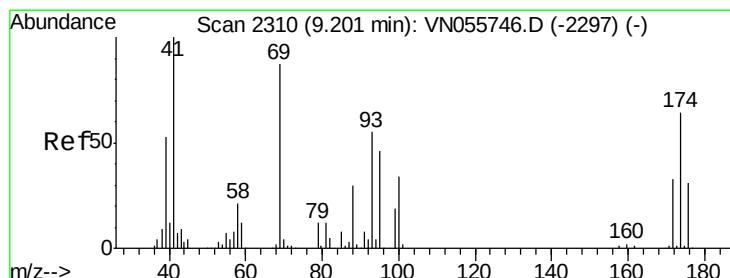
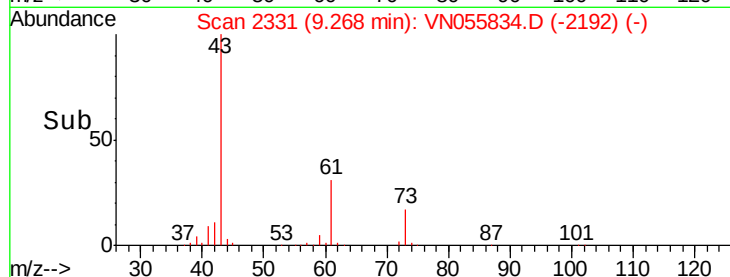
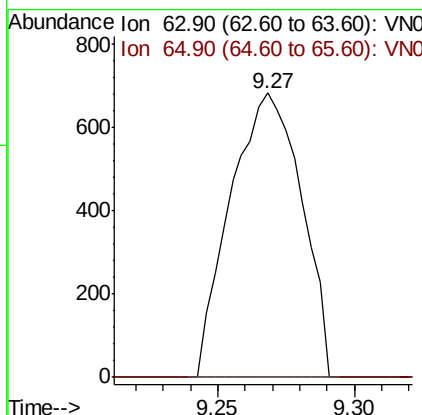
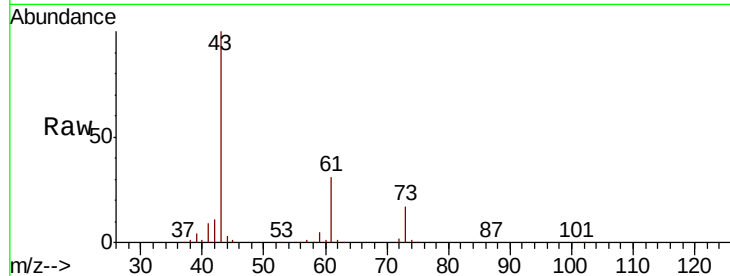




#45
 1,2-Dichloropropane
 Concen: 0.320 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

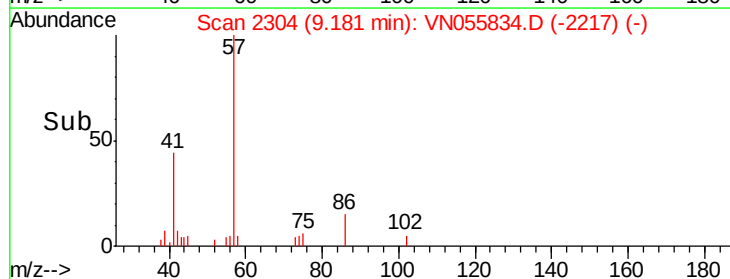
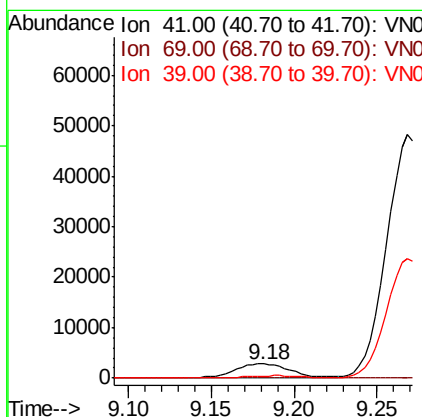
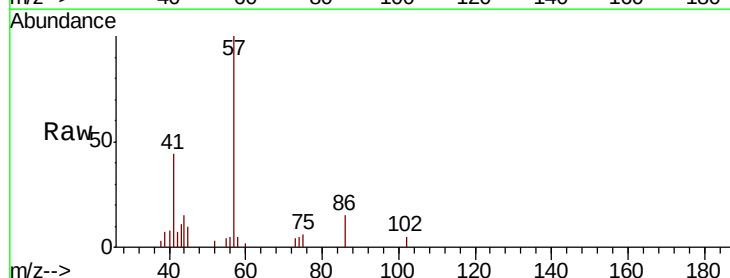
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-D

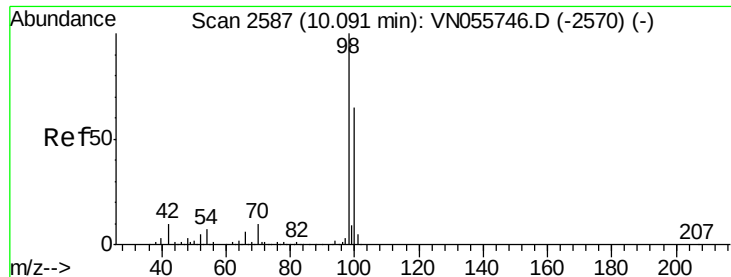
Tot Ion: 63 Resp: 1232
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 1.827 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

Tgt Ion: 41 Resp: 6712
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 44.2 66.2#

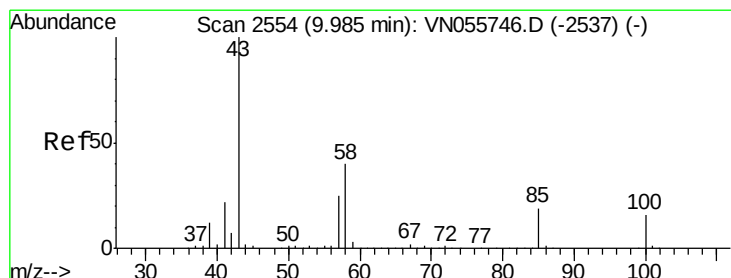
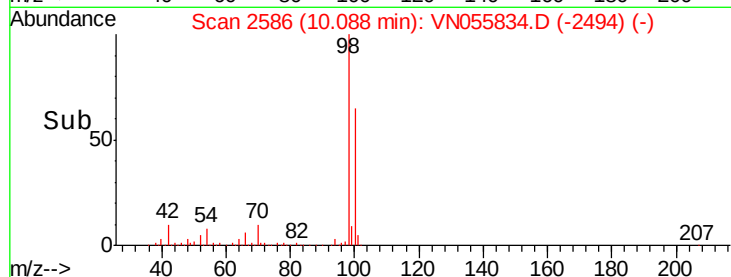
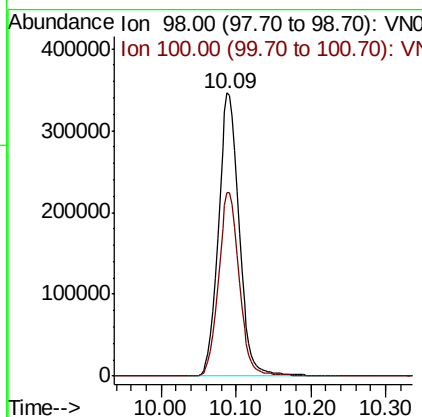
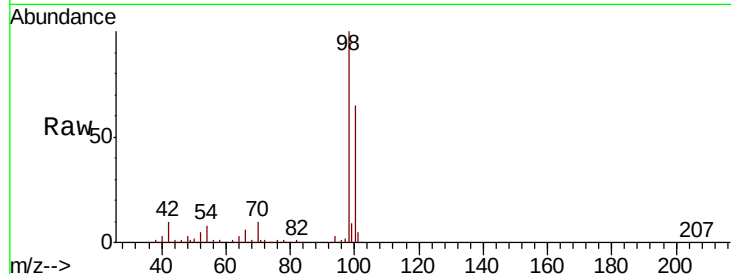




#50
Toluene-d8
Concen: 48.501 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

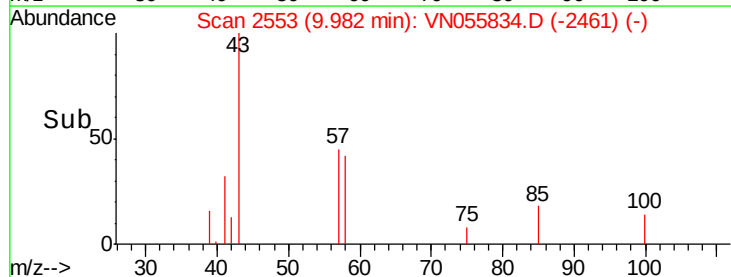
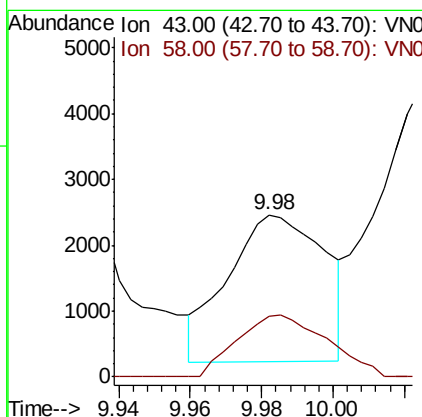
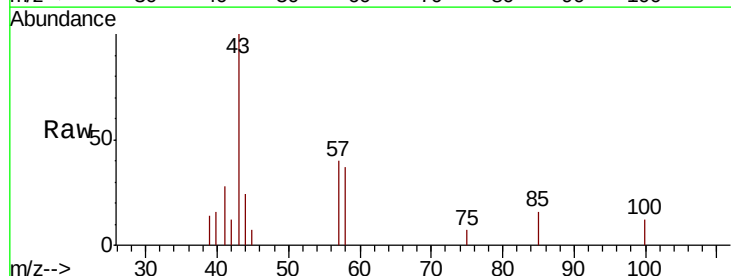
Instrument :
MSVOA_N
ClientSampled :
TP-5-D

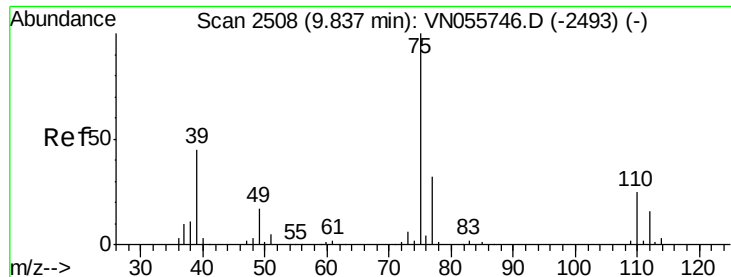
Tot Ion: 98 Resp: 662560
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.885 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

Tgt Ion: 43 Resp: 4166
Ion Ratio Lower Upper
43 100
58 39.4 32.1 48.1





#54

cis-1,3-Dichloropropene

Concen: 7.563 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampleId :

TP-5-D

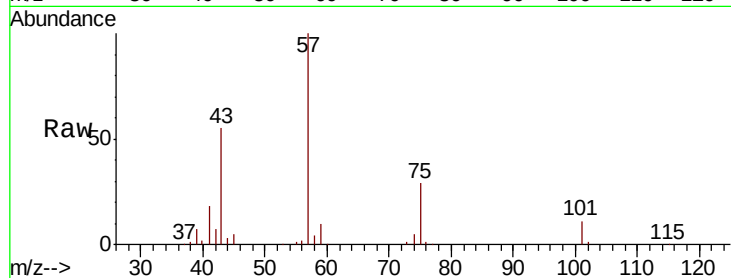
Tot Ion: 75 Resp: 46356

Ion Ratio Lower Upper

75 100

77 0.8 25.4 38.0#

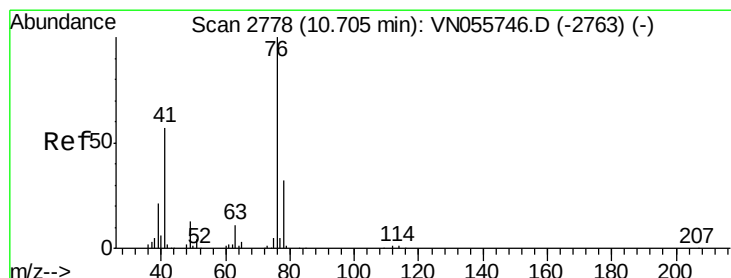
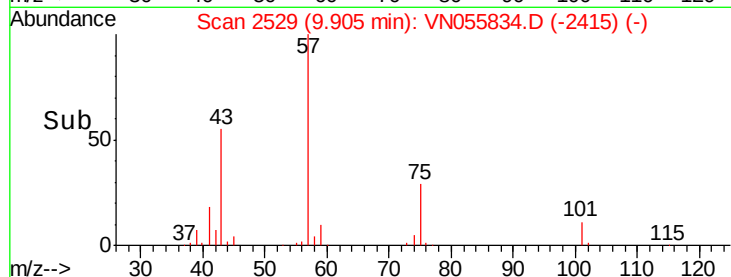
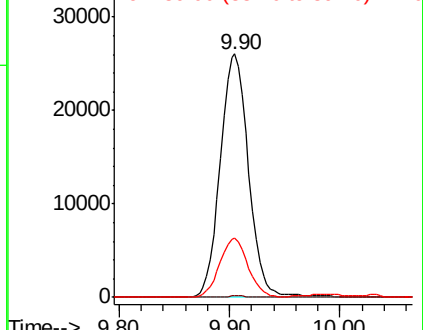
39 24.3 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.441 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055834.D

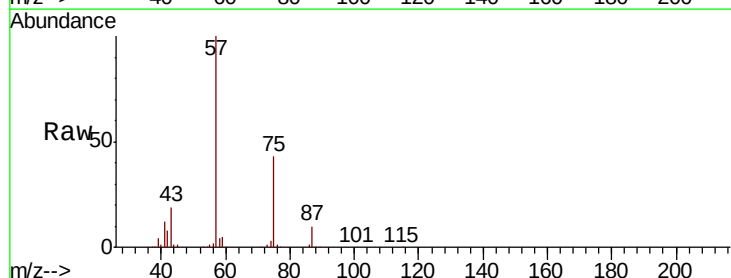
Acq: 25 May 2019 7:59

Tgt Ion: 76 Resp: 8733

Ion Ratio Lower Upper

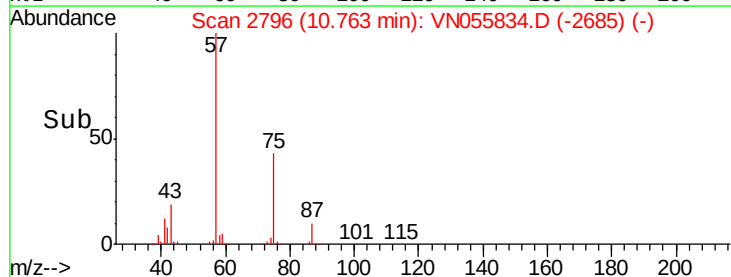
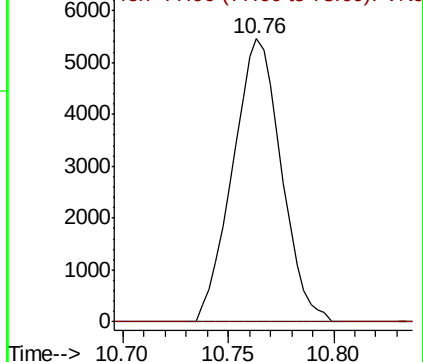
76 100

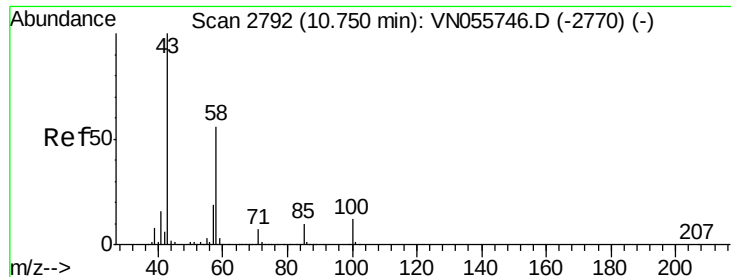
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

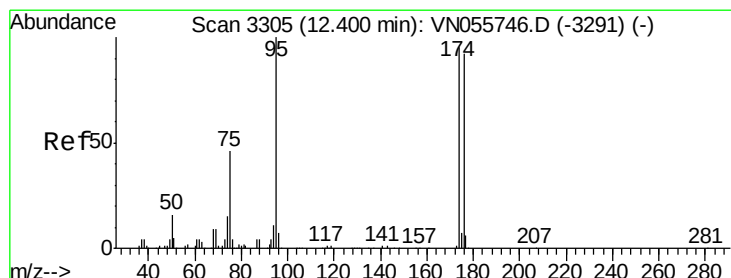
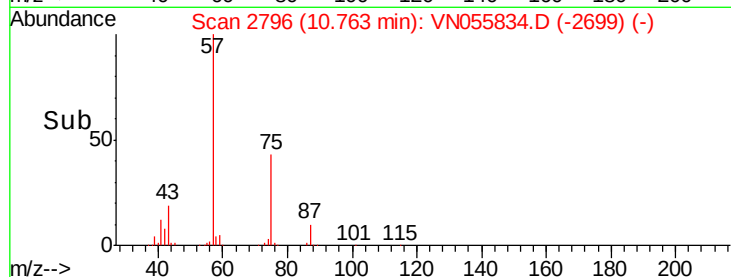
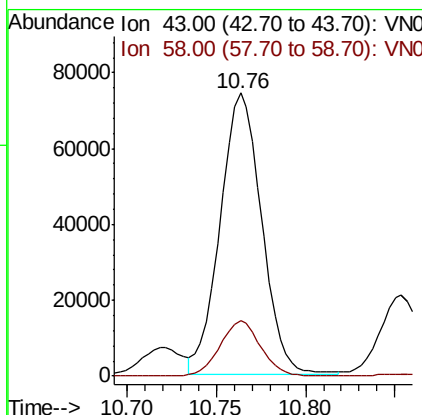
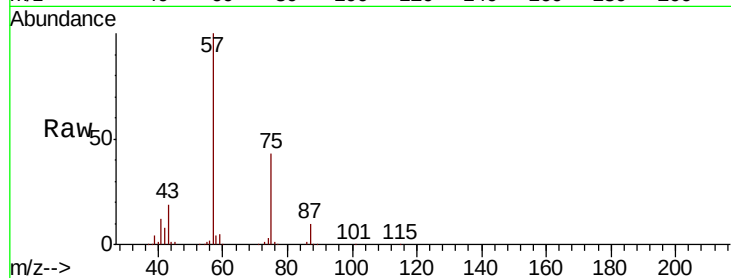




#59
2-Hexanone
Concen: 35.957 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

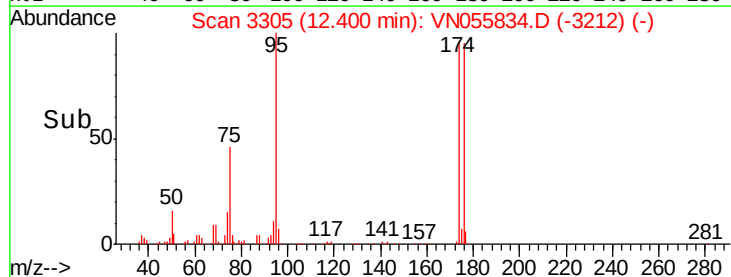
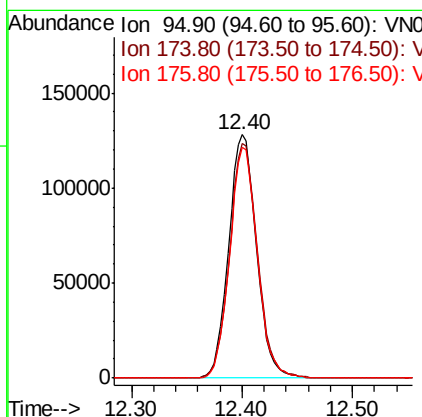
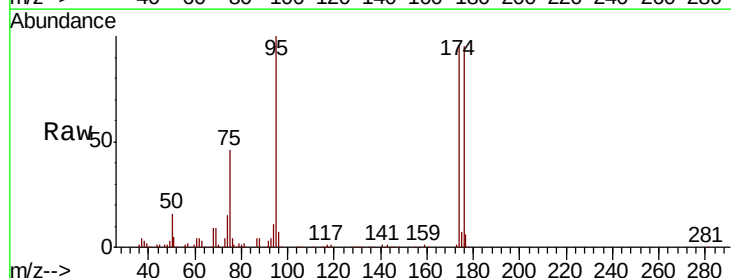
Instrument :
MSVOA_N
ClientSampleId :
TP-5-D

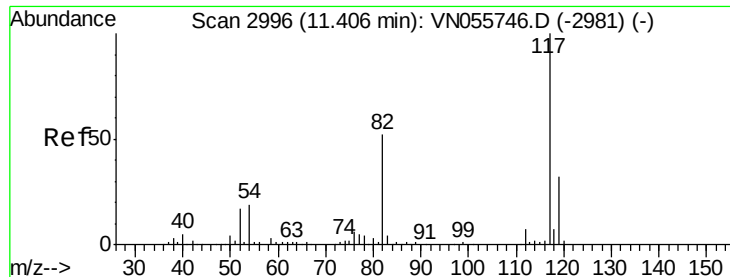
Tot Ion: 43 Resp: 120092
Ion Ratio Lower Upper
43 100
58 19.3 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 47.816 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

Tgt Ion: 95 Resp: 223979
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.0
176 94.2 0.0 185.2

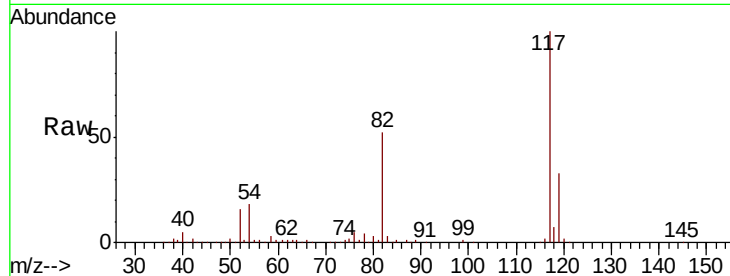




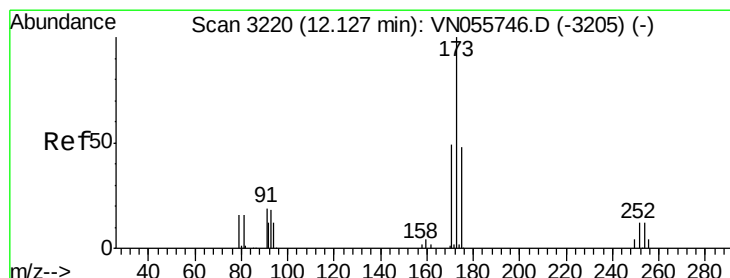
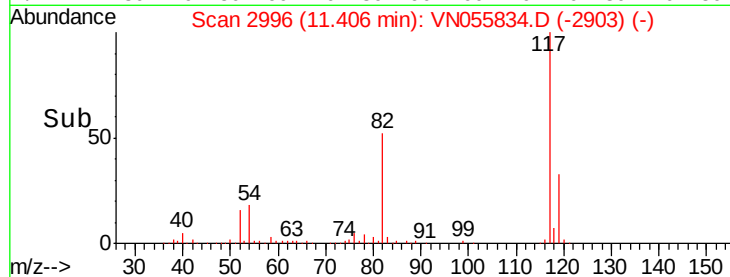
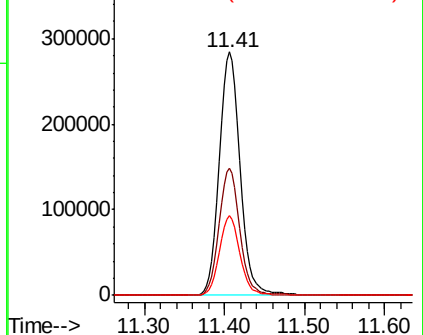
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

Instrument :
MSVOA_N
ClientSampleId :
TP-5-D

Tot Ion:117 Resp: 516812
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.6 25.4 38.0

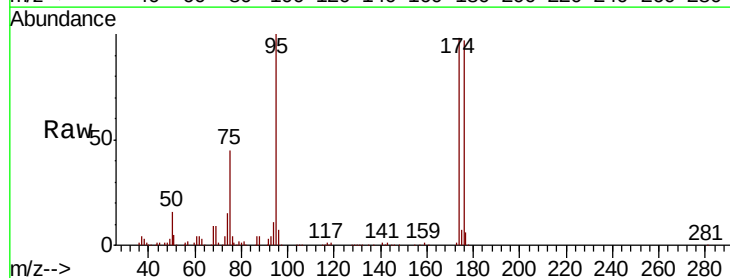


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

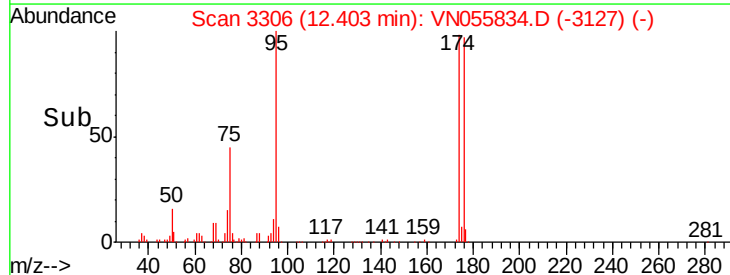
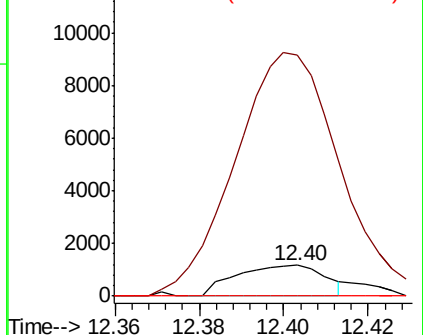


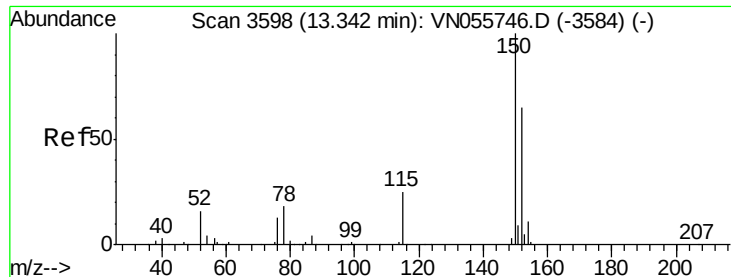
#71
Bromoform
Concen: 0.486 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

Tgt Ion:173 Resp: 1710
Ion Ratio Lower Upper
173 100
175 818.9 24.3 72.8#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampled :

TP-5-D

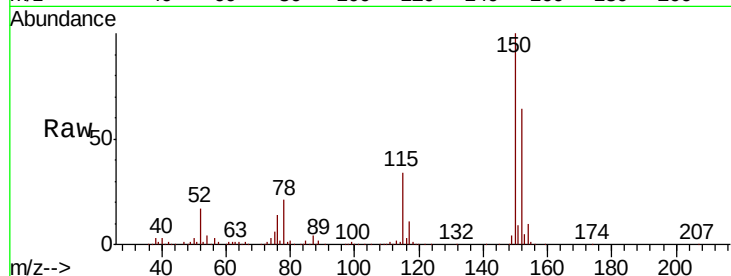
Tot Ion:152 Resp: 196645

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

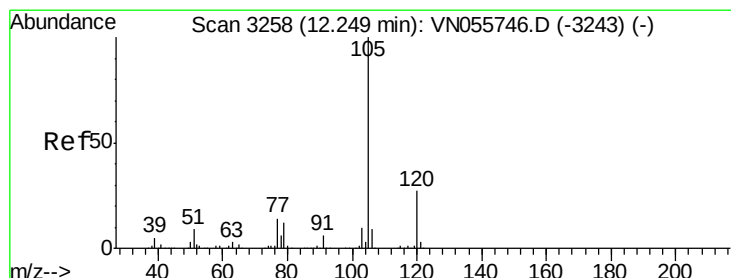
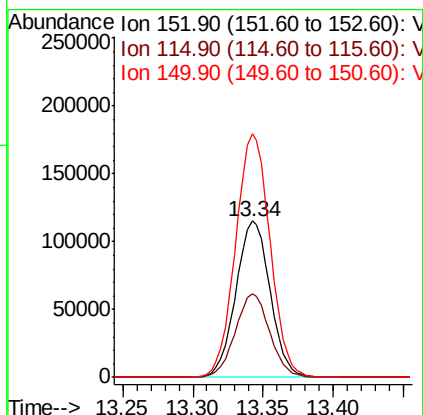
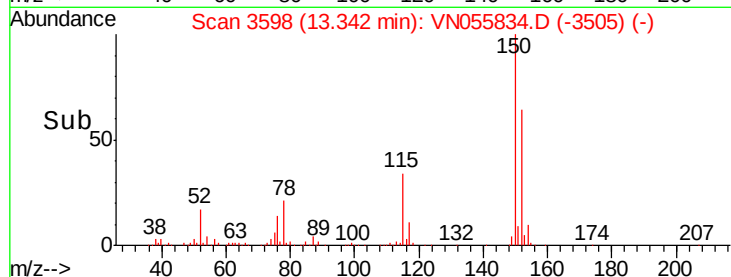
150 156.6 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055834.D

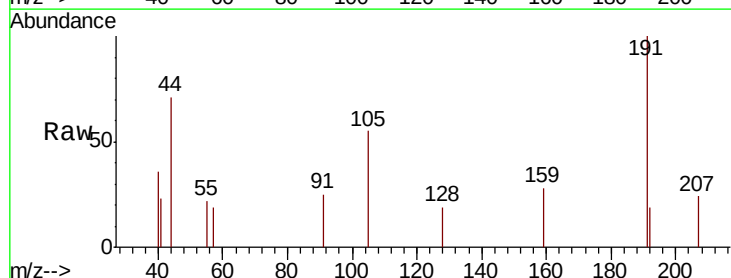
Acq: 25 May 2019 7:59

Tgt Ion:105 Resp: 858

Ion Ratio Lower Upper

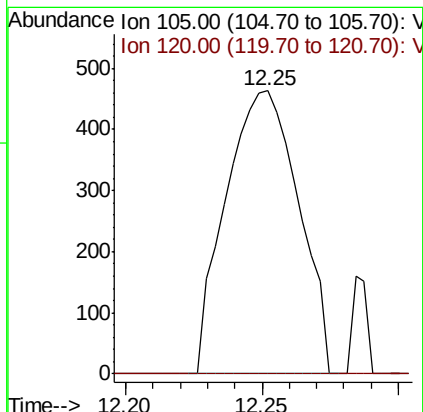
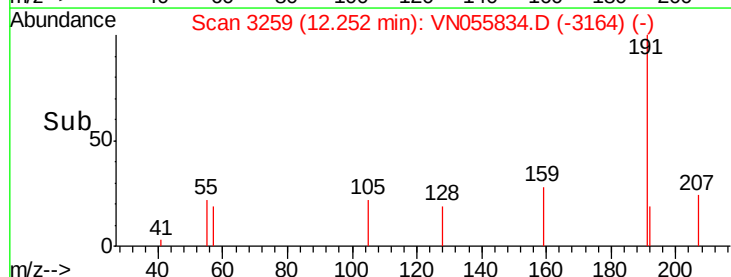
105 100

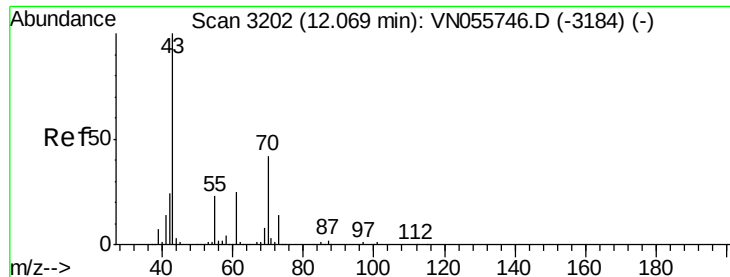
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

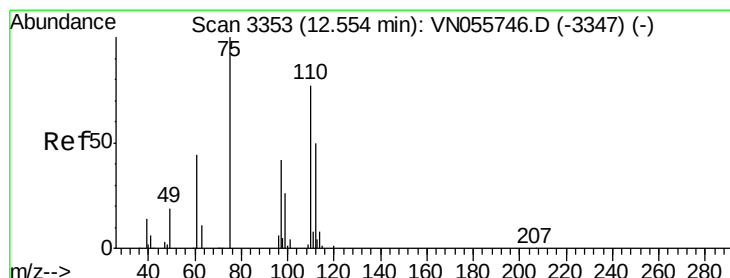
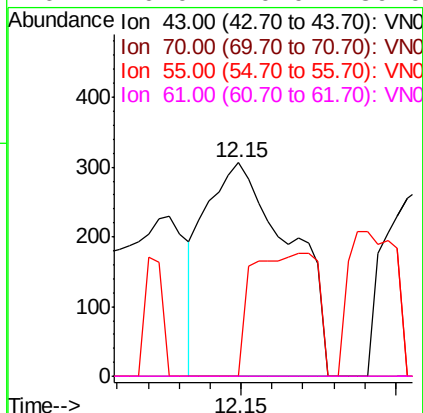
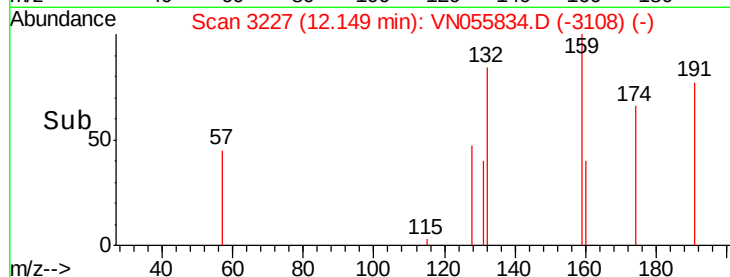
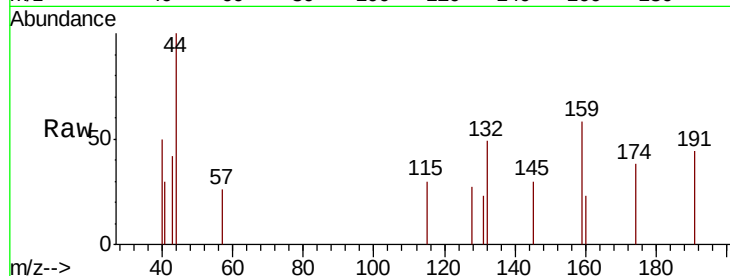




#74
N-amvl acetate
Concen: Below Cal
RT: 12.15 min Scan# 3227
Delta R.T. 0.08 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

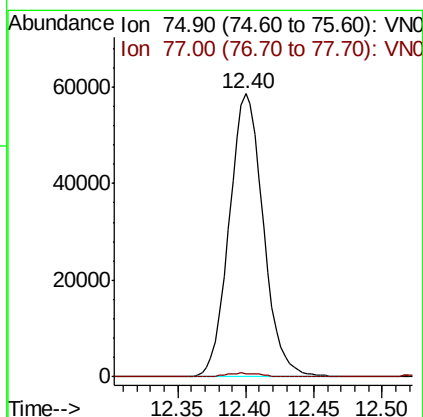
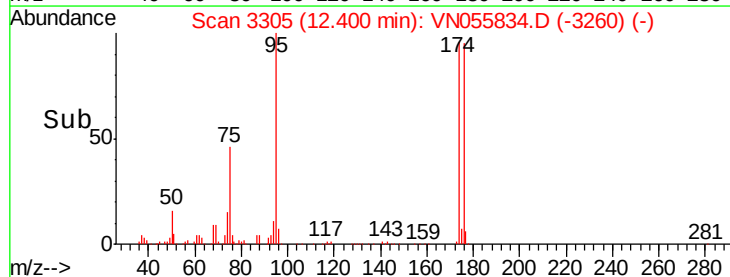
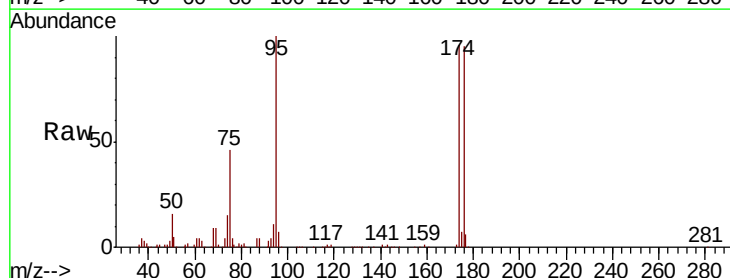
Instrument :
MSVOA_N
ClientSampled :
TP-5-D

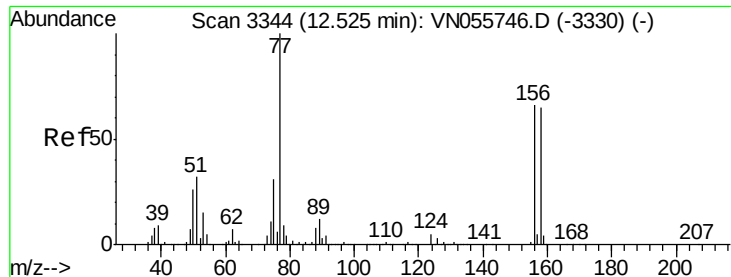
Tot Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
70 0.0 34.0 51.0#
55 44.3 18.6 28.0#
61 0.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 28.683 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055834.D
Acq: 25 May 2019 7:59

Tgt Ion: 75 Resp: 101667
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#77

Bromobenzene

Concen: 0.315 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampled :

TP-5-D

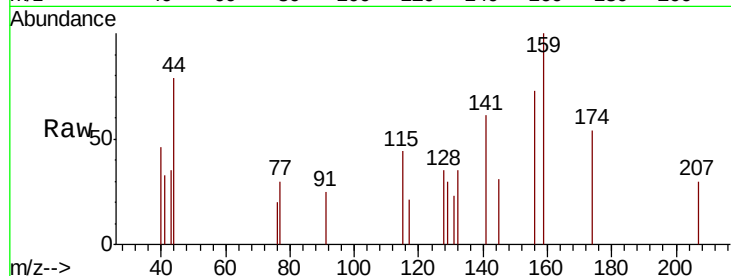
Tot Ion:156 Resp: 1320

Ion Ratio Lower Upper

156 100

77 30.6 90.8 272.5#

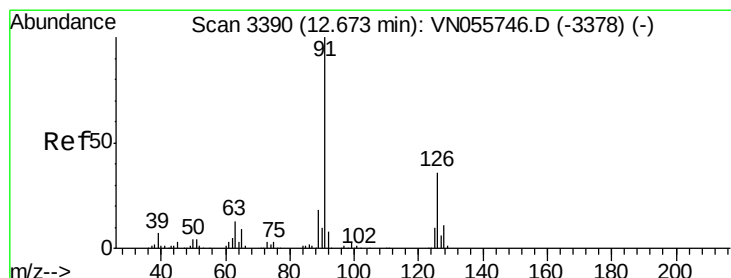
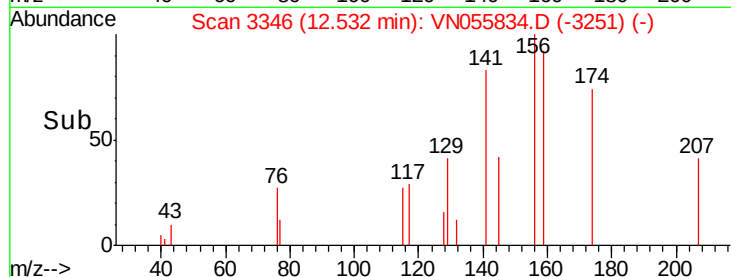
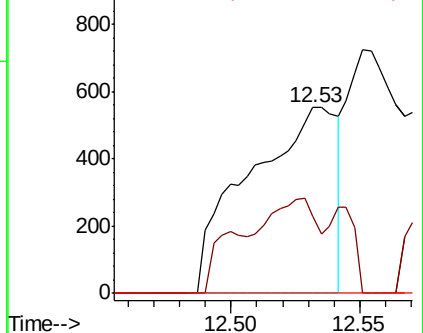
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN055834.D

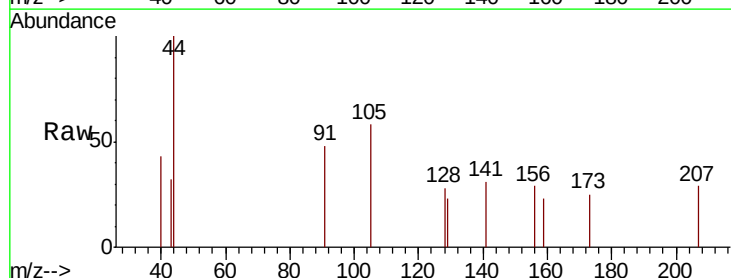
Acq: 25 May 2019 7:59

Tgt Ion: 91 Resp: 364

Ion Ratio Lower Upper

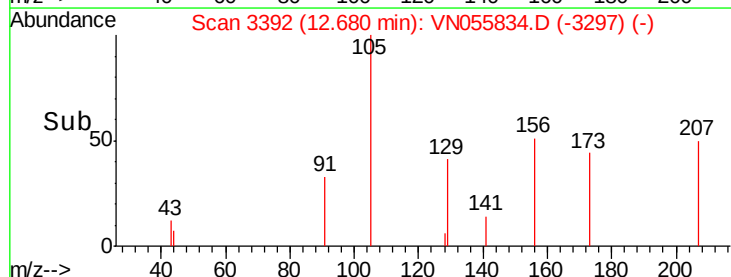
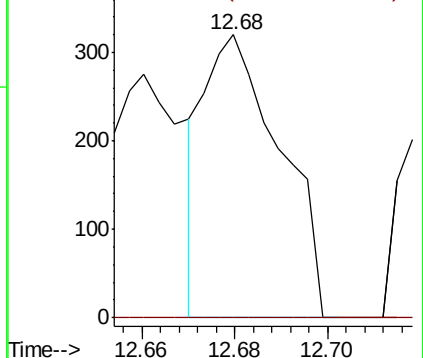
91 100

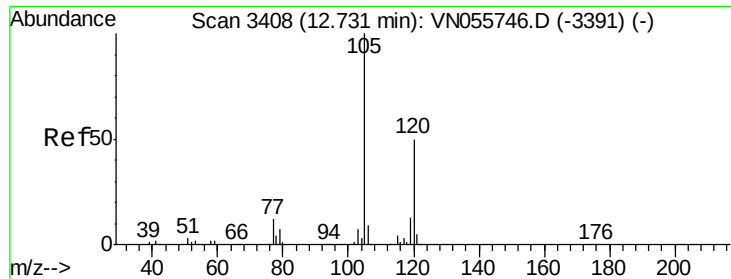
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

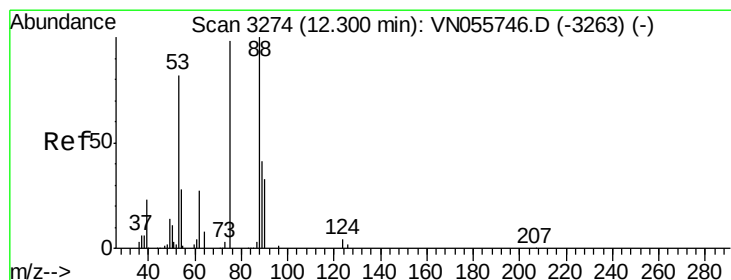
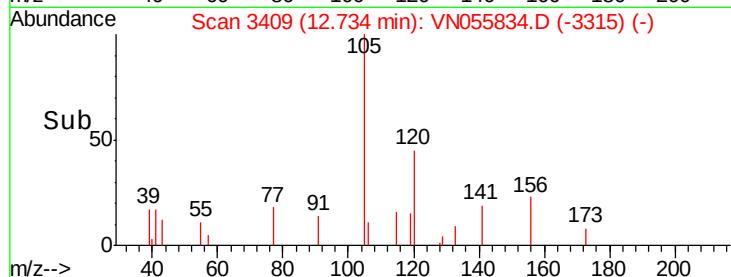
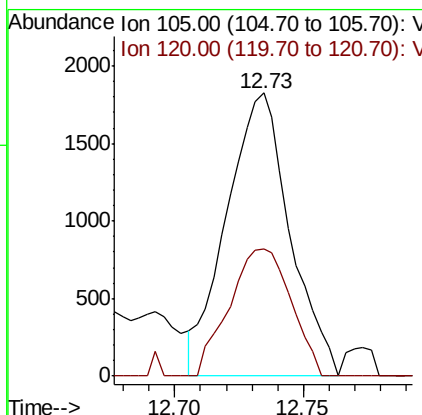
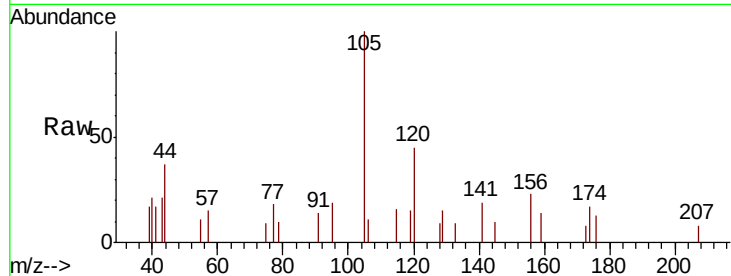




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

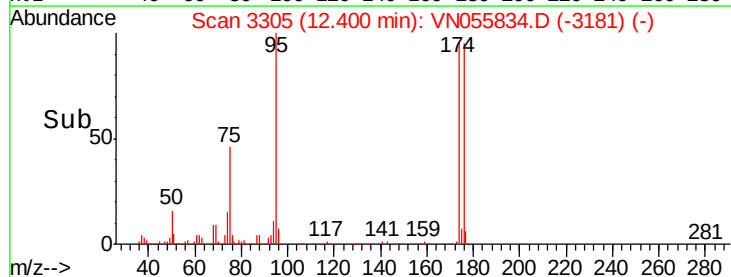
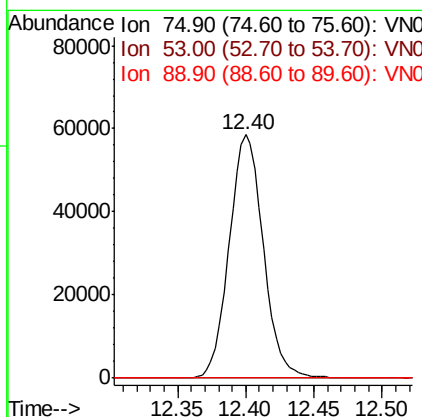
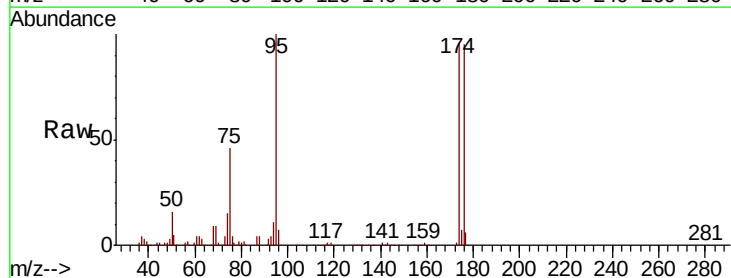
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-D

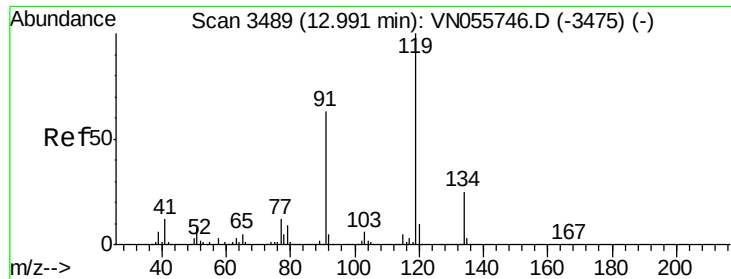
Tot Ion: 105 Resp: 3127
 Ion Ratio Lower Upper
 105 100
 120 43.9 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.562 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

Tgt Ion: 75 Resp: 101667
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.1 102.1#
 89 0.0 36.9 55.3#

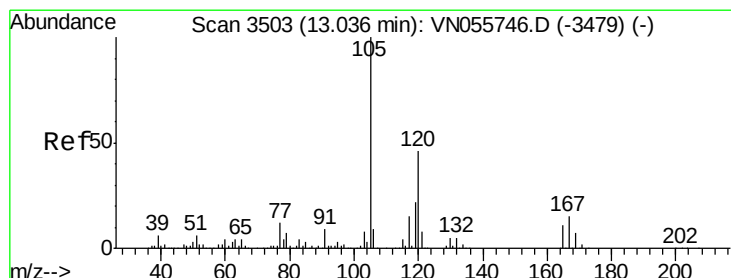
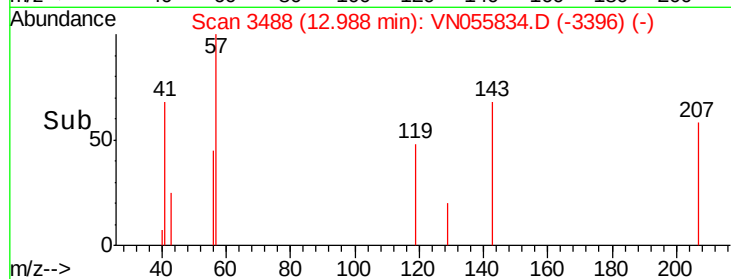
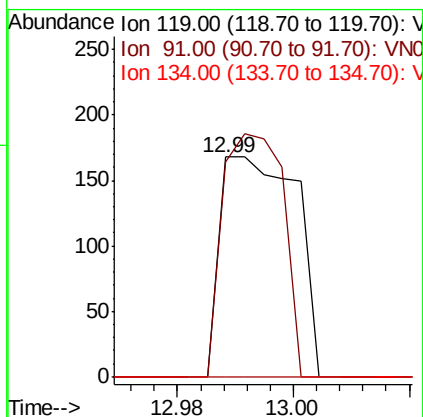
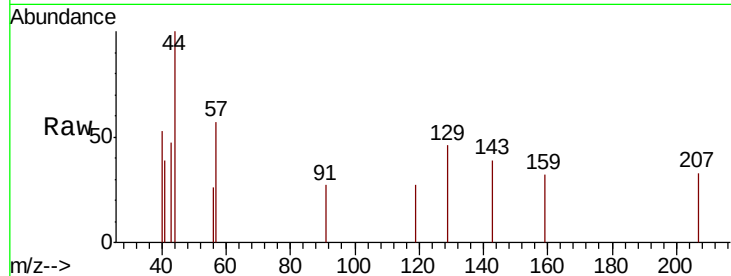




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

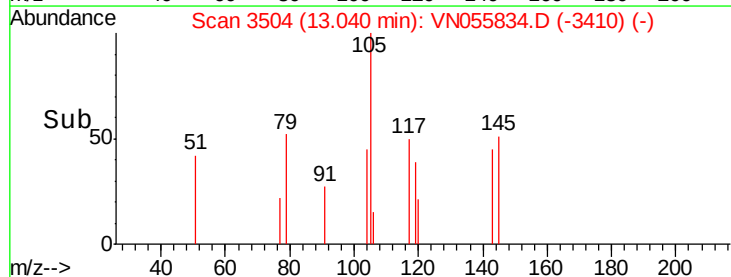
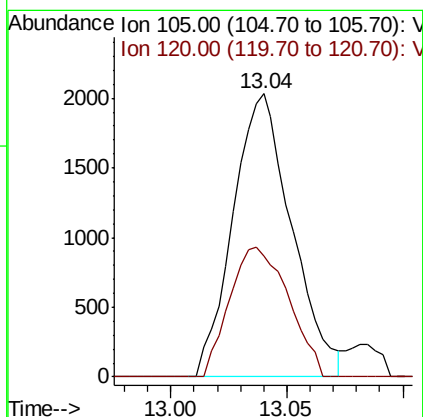
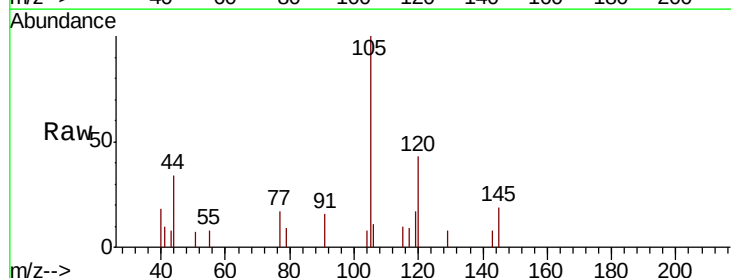
Instrument :
 MSVOA_N
 ClientSampleID :
 TP-5-D

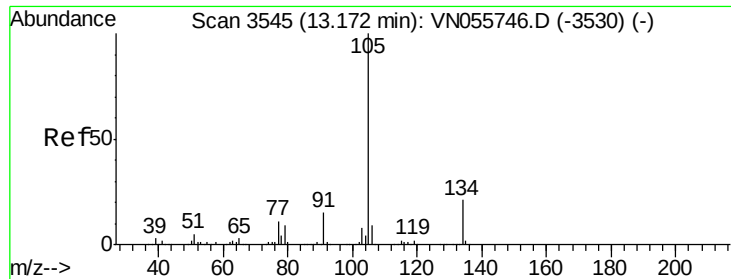
Tot Ion:119 Resp: 153
 Ion Ratio Lower Upper
 119 100
 91 86.9 30.9 92.8
 134 0.0 13.3 39.8#



#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055834.D
 Acq: 25 May 2019 7:59

Tgt Ion:105 Resp: 3574
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampleId :

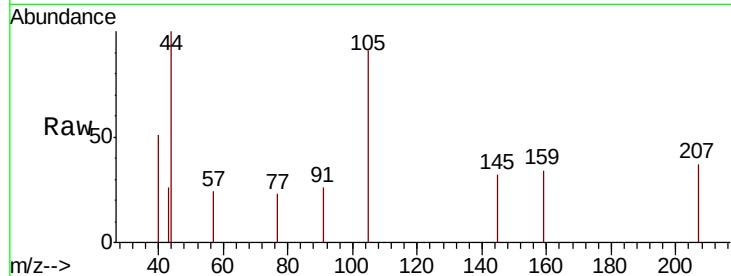
TP-5-D

Tot Ion:105 Resp: 963

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

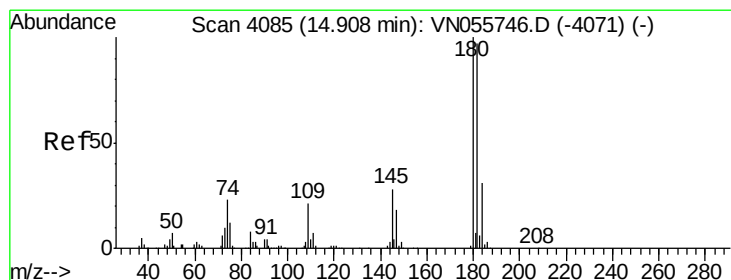
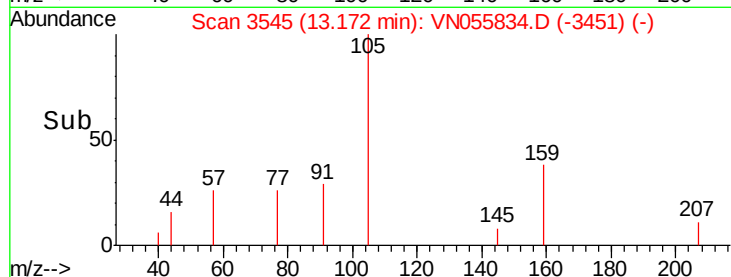
600

400

200

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.765 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

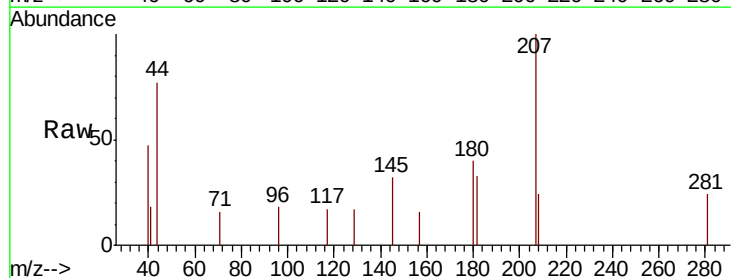
Tgt Ion:180 Resp: 527

Ion Ratio Lower Upper

180 100

182 75.5 48.3 144.9

145 130.4 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

500

400

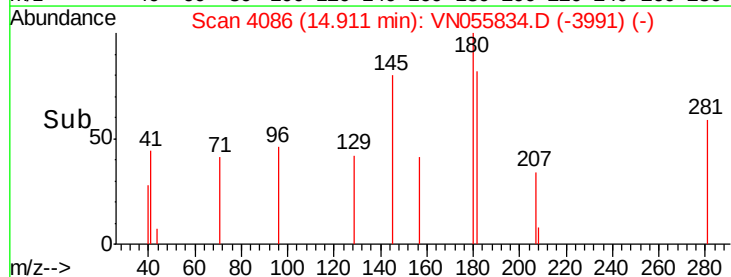
300

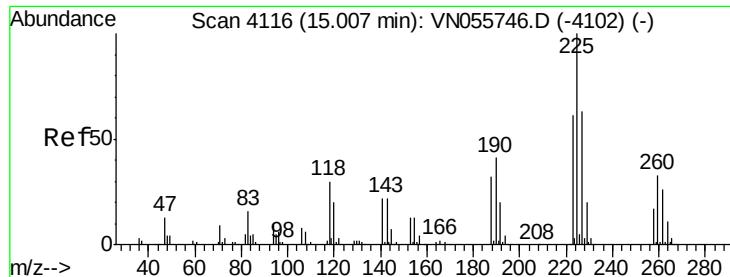
200

100

0

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

Instrument :

MSVOA_N

ClientSampled :

TP-5-D

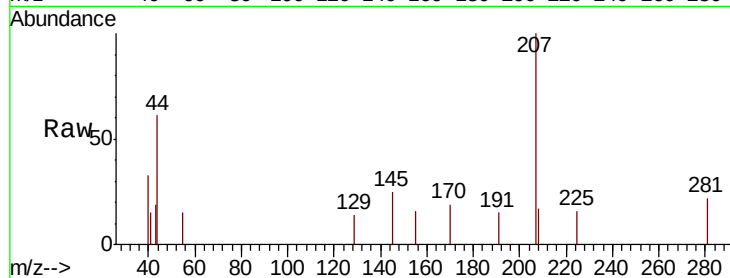
Tot Ion:225 Resp: 126

Ion Ratio Lower Upper

225 100

223 0.0 30.9 92.7#

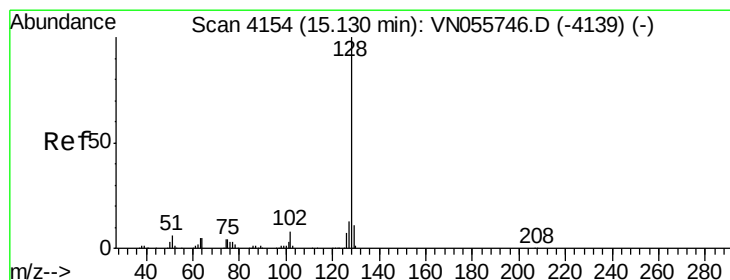
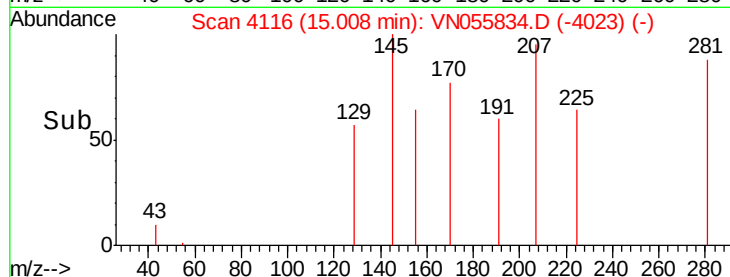
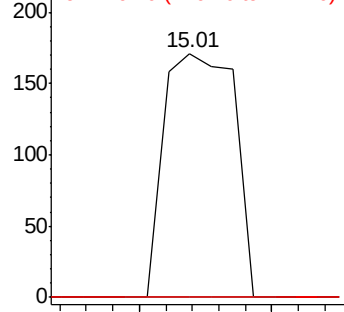
227 0.0 31.6 94.7#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.648 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055834.D

Acq: 25 May 2019 7:59

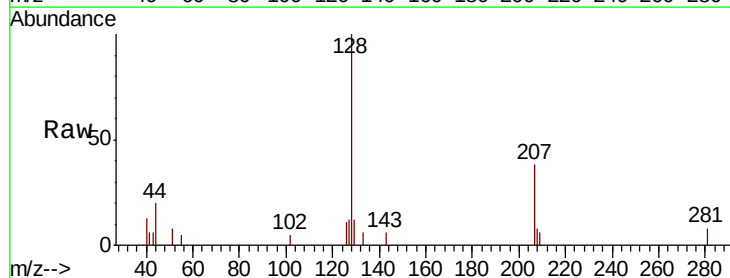
Tgt Ion:128 Resp: 5897

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 17.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

